

Electronic Filing System (EFS) Data

Electronic Patent Application Submission

USPTO Use Only

| | | |
|-------------------------------|---|--|
| EFS ID: | 19807 | |
| Application ID: | 10065723 | |
| Title of Invention: | MEMORY DEVICE WITH DATA LINE STEERING AND BITLINE REDUNDANCY | |
| First Named Inventor: | Kevin Batson | |
| Domestic/Foreign Application: | Domestic Application | |
| Filing Date: | null | |
| Effective Receipt Date: | 2002-11-13 |  |
| Submission Type: | Utility Patent Filing | |
| Filing Type: | new-utility | |
| Confirmation Number: | 0 | |
| Attorney Docket Number: | FIS920010179 | |
| Digital Certificate Holder: | cn=Robert A. Walsh, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US | |
| Certificate Message Digest: | Ypi4gwRED91gXN8NTsfokA== | |
| Total Fees Authorized: | \$780.0 | |
| Payment Category: | DA - Deposit Account | |
| Deposit Account Number: | 90456 | |
| Deposit Account Name: | Robert A. Walsh | |

TRANSMITTAL FORM

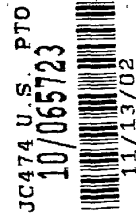
Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility
Patent Filing

Attorney Docket
Number:

FIS920010179



MEMORY DEVICE WITH DATA LINE STEERING AND BITLINE REDUNDANCY

First Named Inventor: Mr. Kevin A. Batson

SUBMITTED BY

| | |
|--|-----------------------|
| Name: | Robert A. Walsh |
| Registration Number: | 26,516 |
| Electronic Signature Mark: Robert A. Walsh /s/ | Date Signed: 20011112 |

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

| | |
|-------------|-------------------------|
| declaration | FIS920010179US1Dec1.tif |
| declaration | FIS920010179US1Dec2.tif |

| | |
|-------------------------------------|----------------------------|
| declaration | FIS920010179US1Dec3.tif |
| declaration | FIS920010179US1Dec4.tif |
| bibd-transmittal | FIS920010179US1RAWapds.xml |
| us-information-disclosure-statement | FIS920010179US1RAWids.xml |
| patent-assignments | FIS920010179US1RAWasgn.xml |
| fee-transmittal | FIS920010179US1RAWfee.xml |
| specification | FIS920010179US1.xml |

FIS920010179US1Dec1.tif
FIS920010179US1Dec2.tif
FIS920010179US1Dec3.tif
FIS920010179US1Dec4.tif

Comments:

Assignee: International Business Machines Corporation Address: Armonk, NY 10504



Docket No.
FIS920010179US1

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled
MEMORY DEVICE WITH DATA LINE STEERING AND BITLINE REDUNDANCY

the specification of which

(check one)

☒ is attached hereto.

☐ was filed on _____ as United States Application No. or PCT International Application Number _____ and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

| | | | |
|-------------------|--------------------|---------------------------------|--------------------------|
| _____ (Number) | _____ (Country) | _____ (Day/Month/Year Filed) | <input type="checkbox"/> |
| _____ (Number) | _____ (Country) | _____ (Day/Month/Year Filed) | <input type="checkbox"/> |
| _____ (Number) | _____ (Country) | _____ (Day/Month/Year Filed) | <input type="checkbox"/> |

Express Mail ET808936409US

Docket No. FIS920010179US1

Page

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provision application(s) listed below:

| | |
|--------------------------|---------------|
| (Application Serial No.) | (Filing Date) |
| (Application Serial No.) | (Filing Date) |
| (Application Serial No.) | (Filing Date) |

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), Section 365(c) of any PCT International application designating the United States, listed below as insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R. Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

| | | |
|--------------------------|---------------|--|
| (Application Serial No.) | (Filing Date) | (Status) (patented, pending, abandoned) |
| (Application Serial No.) | (Filing Date) | (Status) (patented, pending, abandoned) |
| (Application Serial No.) | (Filing Date) | (Status) (patented, pending, abandoned) |

I hereby declare that all statements made herein of my own knowledge are true and that statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.


POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/ agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

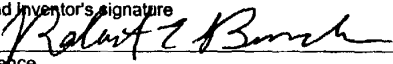
All attorneys and/or agents at Customer No. 30449

Send Correspondence to: Customer No. 30449

Direct Telephone Calls to: (name and telephone number)

Jack P. Friedman - (518) 220-1850

| | | |
|---|--|----------------------|
| Full name of sole or first inventor Kevin A. Batson |  | Nov. 12, 2002 |
| Sole or first inventor's signature | | Date |
| Residence 312 Sundown Drive, Williston, VT 05495 | | |
| Citizenship USA | | |
| Post Office Address Same as Residence | | |

| | | |
|--|--|----------------------|
| Full name of second inventor, if any Robert E. Busch | | |
| Second inventor's signature  | | Nov. 12, 2002 |
| Residence 864 Old Stage Road, Essex Junction, VT 05452 | | |
| Citizenship USA | | |
| Post Office Address Same as Residence | | |

| | | |
|---|------------------------|---------------------|
| Full name of third inventor, if any Garrett S. Koch | <i>Garrett S. Koch</i> | Nov 12, 2002 |
| Third inventor's signature | | Date |
| Residence 54 Apple Tree Drive, Jeffersonville, VT 05464 | | |
| Citizenship USA | | |
| Post Office Address Same as Residence | | |

| | | |
|---|-----------------------|---------------------|
| Full name of fourth inventor, if any Fred J. Towler | <i>Fred J. Towler</i> | Nov 12, 2002 |
| Fourth inventor's signature | | Date |
| Residence 106 Seneca Avenue, Essex Junction, VT 05452 | | |
| Citizenship USA | | |
| Post Office Address Same as Residence | | |

| | | |
|--|--|---------------------|
| Full name of fifth inventor, if any Reid A. Wistort | | |
| Fifth inventor's signature <i>Reid Wistort</i> | | Nov 12, 2002 |
| Residence 375 Westford-Milton Road, Westford, VT 05494 | | Date |
| Citizenship USA | | |
| Post Office Address Same as Residence | | |

| | | |
|-------------------------------------|--|------|
| Full name of sixth inventor, if any | | |
| Sixth inventor's signature | | Date |
| Residence | | |
| Citizenship | | |
| Post Office Address | | |

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 780

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 09-0456



Deposit Account Name: International Business Machines Corporation

SUBMITTED BY

Authorized Name: Robert A. Walsh
Electronic Signature Mark: Robert A. Walsh /s/
Date Signed: 20021113

BASIC FILING FEE

| Fee Description | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 1001 | \$ 740 |

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

| | Fee Code | Fee | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 20 | 1202 | \$ 18 | 0 | \$ 0 |
| Independent Claims: 3 | 1201 | \$ 84 | 0 | \$ 0 |

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

| Fee Description | Number | Quantity | Fee Code | Amount | Fee Paid |
|---|----------|----------|----------|--------|----------|
| Recording Each Patent Assignment Per Property Fee | 00000000 | 1 | 8021 | \$ 40 | \$ 40 |

Subtotal For Additional Fees: \$ 40

